

NEWSLINE

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LAB NEWS

'Excellence in medicine, leadership' awarded to Katz

By Don Johnston
Newsline staff writer

Ronit Ben Abraham Katz, lead treating physician in the Treatment Area of the Laboratory's Health Services Department (HSD), recently received the American Medical Association Foundation's 2007 International Medical Graduate Physician "Excellence In Medicine and Leadership Award" in a Washington D.C. ceremony.

The "Excellence In Medicine and Leadership" awards are presented to medical students, residents/fellows, young physicians and international medical graduate physicians "in recognition of their strong, non-clinical leadership skills in advocacy, community service or education." Recipient physicians from around the country also are provided with special training to further develop their skills as future leaders in organized medicine.

"I was shocked. I couldn't believe it when I was told," said Katz, who was nominated by a professor at Stanford University. "I'm very honored. It's interesting how life works out."

In addition to her work as an occupational health physician at the Laboratory, she has been a clinical assistant professor at Stanford University Medical Center since 1999. Katz teaches residents and first-year medical students. "I teach kids fresh out of medical school and I couldn't ask for more," she said. "I love working with residents and young medical students. You can really influence their development, particularly the importance of an outstanding bedside manner."

"You're going to be the doctors treating me some day," Katz tells her charges. "And I want good doctors. You're not here only to be dedicated to the profession, you're here to serve people."

Anyone who has had the good fortune to be ministered by Katz, will attest to her personal approach to treating her patients, a quality no doubt rooted in her upbringing in



Israel, where physicians are often adopted as members of the family, attending all manner of important family events.

This also may have a lot to do with her particular interest and expertise in the practice of preventive medicine. Katz received her medical degree, *magna cum laude*, from the Sackler Medical School, Tel Aviv University. She then completed a fellowship in cancer research at Tufts-New England Medical Center and later was appointed a faculty member at Harvard University School of Public Health. Katz is board certified in preventive medicine, with a subspecialty in occupational and environmental medicine.

As well as attending to patients who drop in for urgent care, Katz oversees health

*"I'm very honored.
It's interesting how life
works out."*

— RONIT KATZ

programs for pregnant employees, nursing mothers at the Lab and serves as the point of contact for the Beryllium Program and CDL/Van Pool programs. The Nursing Mother Program recently earned the Lab an award from the Alameda County Breast Feeding Coalition as a "mother-baby friendly workplace."

"The Laboratory is a unique place with many highly educated and accomplished people," she said. "Working at LLNL is challenging, and very rewarding. I really like that I've been able to develop close relationships with my patients."

Dr. Jim Seward, head of HSD, says the feeling is mutual judging from the feedback he has received from her satisfied patients, who appreciate her personal touch and "willingness to go the extra mile."

"Ronit is a marvelous diagnostician with astute insights into a range of diagnostic possibilities and she's very attentive to medical history," Seward said. "There have been numerous incidents where she'll think of a possibility the patient's physician has overlooked. She's a thorough and careful advocate for her patients."

In addition, Seward says Katz "is seen by our nursing staff as an excellent teacher."

NNSA initiative boosts understanding of nuclear weapons

The National Nuclear Security Administration has begun an initiative to improve understanding of the nuclear weapon boost process. And a major segment of that effort will be happening at Livermore.

The results of Laboratory efforts will be coordinated with other national laboratories to accomplish the NNSA objective.

Boost is the process that increases the fission energy output of the weapon's primary. "Boost is also at the core of B Program, which is very interested in meeting this significant technical challenge. Success will require that the Lab draw

upon the technical expertise within DNT and throughout the Laboratory, as well as capitalize on opportunities to engage the external academic community," according to Mike Dunning, DNT's B Program and B Division Leader.

Dunning has appointed Deputy Associate B Program Leader for Computational Physics Frank Graziani to lead this boost phenomenon effort. He will work with the program leaders both inside DNT and within other contributing directorates to align the existing programs with the needs of the Boost Initiative to the fullest extent possible.

According to Dunning, this assignment will require a significant effort over a fairly long period of time. "Frank must draw on the expertise within the DNT design and code communities, as well as that in PDRP, Chemistry, Computations and the National Ignition Facility to help identify the body of work that will be necessary to support this initiative aggressively and advance our knowledge of boost," Dunning said.

This initiative is made possible by significant advances in the scientific capabilities developed by the Stockpile Stewardship Program, according to Dunning.



Looking at the basics of employee retirement

Many employees have asked, “What’s the difference between a defined contribution plan and a defined benefit plan?” NNSA’s Request For Proposal for LLNL requires the new contractor to offer both types of plans. Here are some simple definitions, but keep in mind that until the new contractor provides the details of their plans the specifics are unknown.

- A defined benefit (pension) plan:**
 - Provides a benefit predetermined based on a plan formula (this might include factors such as age, years of service and salary).
 - Is obligated to provide a specified benefit.
 - The benefit is paid from an aggregate trust.
 - Generally, the benefits increase with age and time.
- A defined contribution plan (for example, a 401(k) plan):**
 - Provides a contribution predetermined based on plan formula (this might include a percentage of employee salary and some level of an employer’s matching contribution).
 - Provides a benefit based on investment performance.
 - Plan participants direct or manage the individual accounts.
 - Generally, the account is portable.

Questions and answers

I plan to retire soon under the UC contract. Is it true that if I wait to retire until after Oct. 1, 2007 that I have 120 days into the new contract to retire under the UC contract. Also, if I retire after Oct. 1 and get a pay raise, is there a significant benefit increase if I wait to retire after I get an Oct. 1 pay raise.

UCRP rules permit you to retire at any time after separation from employment; however, you have 120 days after separation from UC in order to have unused sick leave included in your service credit and to maintain eligibility for retiree medical benefits (provided you choose a monthly annuity, not a lump sum).
Your UCRP benefit will be calculated using your age at retirement and your salary and service

credit as of Sept. 30, 2007 (the last day of the UC contract). Any pay raise you receive in FY08 (Oct. 1, 2007 or later) will not affect your UCRP calculation as your HAPC (highest average 36 months of compensation) is based on salary received to Sept. 30, 2007.

Are there any restrictions on how old you must be or how many years of service you must have in order to choose the inactive vested option with UCRP? I am vested, but under 50 years old. Can I do this?

As long as you are vested, you may become inactive vested with UCRP at any age.



I’m confused about the Defined Contribution Plan. Is this my money if I leave the Laboratory before vesting?

Yes, contributions to a defined contribution plan are yours at termination and are fully vested. You may leave them in the plan, roll them over into another qualified plan, or take a distribution which may be subject to early withdrawal penalties and taxes.

Questions regarding the contract transition may be submitted via the Transition Website: <http://transition.llnl.gov>

Transition focus		THE CONTRACT TIMELINE	
NNSA to make contract announcement in April or May		2007	
<p>The National Nuclear Security Administration (NNSA) has said it will announce the selection of a new management and operating contract for the Laboratory in April or May.</p> <p>NNSA is in the process of finalizing its report to the Source Selection Official for the LLNL contract competition. The Source Evaluation Report must undergo review by the department before submission to the Source Selection Official. A final announcement will be made by the NNSA Source Evaluation Board.</p>		New contract awarded Compensation, benefits and pension planning begins	Spring
Newsline returns to weekly publication		Contractual transition begins	July 1
<p>Starting with today’s edition, <i>Newsline</i> returns to weekly publication for the duration of contract transition. <i>Newsline</i> will be delivered to individual mailboxes Monday mornings to provide employees with transition announcements for that week along with regular features.</p> <p>Page 3 of the paper will be dedicated to transition news with other pages added as necessary. <i>Newsline</i> coverage will complement announcements in <i>NewsOnLine</i> and the Transition Website. The content of the discontinued monthly <i>Contract Process Newsletter</i> has been folded into <i>Newsline</i>. This will allow for timely communication with employees once the contract has been announced. When transition has been completed, <i>Newsline</i> will return to Friday publication.</p>		Current contract expires	Sept. 30
		New contract starts	Oct. 1

SCIENCE NEWS

Lab studies root out global warming issues

By Anne M. Stark
Newsline staff writer

How effective are new trees in offsetting the carbon footprint? A new Laboratory study suggests that the location of the new trees is an important factor when considering such carbon offset projects. Planting and preserving forests in the tropics is more likely to slow down global warming.

But the study concludes that planting new trees in certain parts of the planet actually may warm the Earth.

The new study, which combines climate and carbon-cycle effects of large-scale deforestation in a fully interactive three-dimensional climate-carbon model, confirms that planting more tropical rainforests could help slow global warming worldwide.

The research, led by LLNL's atmospheric scientist Govindasamy Bala, appears in the April 9-13 online edition of the *Proceedings of the National Academy of Sciences*.

According to the study, new forests in mid- to high-latitude locations could create a net warming. Specifically, more trees in mid-latitude locations like the United States and most of Europe would only create marginal benefits from a climate perspective. But those extra trees in the boreal forests of Canada, Scandinavia and Siberia could actually be counterproductive, Bala said.

Forests affect climate in three different ways: they absorb the greenhouse gas – carbon dioxide – from the atmosphere and help keep the planet cool; they evaporate water to the atmosphere and increase cloudiness, which also helps keep the planet cool; and they are dark and absorb sunlight (the albedo effect), warming the Earth. Previous climate change mitigation strategies that promote planting trees have taken only the first effect into account.

"Our study shows that only tropical rainforests are strongly beneficial in helping slow down global warming," Bala said. "It is a win-win situation in the tropics because trees in the tropics, in addition to absorbing carbon dioxide, promote convective clouds that help to cool the planet. In other locations, the warming from the albedo effect either cancels or exceeds the net cooling from the other two effects."

Other researchers from the Carnegie Institution, Stanford and Université Montpellier II, France also contributed to the report.

The study concludes that by the year 2100, forests in mid- and high-latitudes will make some places up to 10 degrees Fahrenheit warmer than would have occurred if the forests did not exist.

The authors caution that the cooling from deforestation outside the tropics should not be viewed as a strategy for mitigating climate change. "Preservation of ecosystems is a primary goal of preventing global warming, and the destruction of ecosystems to prevent global warming would be a counterproductive and perverse strategy," said Ken Caldeira, from the Carnegie Institution and a co-author of this report.

"Apart from their role in altering the planet's climate, forests are valuable in many other aspects," Bala said. "Forests provide natural habitat to plants and animals, preserve biodiversity, produce economically valuable timber and firewood, protect watersheds and indirectly prevent ocean acidification.

"In planning responses to global challenges, it is important to pursue broad goals and avoid narrow criteria that may lead to environmentally harmful consequences," Caldeira said.

Warming temperatures since 1981 have caused annual losses of roughly \$5 billion for the major cereal crops, a study has found.

From 1981-2002, fields of wheat, corn and barley throughout the world have produced a combined 40 million metric tons less per year because of increasing temperatures caused by human activities.

"There is clearly a negative response of global yields to increased temperatures," said David Lobell, a LLNL researcher and lead author of the study that recently appeared in *Environmental Research Letters*. "Though the impacts are relatively small compared to the technological yield gains over the same period, the results demonstrate that negative impacts of climate trends on crop yields at the global scale are already occurring."

This is the first study to estimate how much global food production already has been affected by climate change. Annual global temperatures increased by about 0.7 degrees Fahrenheit between 1980 and 2002, with even larger changes observed in several regions.

"Most people tend to think of climate change as something that will impact the future, but this study shows that warming over the past two decades already has had real effects on global food supply," said Christopher Field, co-author on the study and director of Carnegie Institution's Department of Global Ecology.

Lobell and Field studied climate effects on the six most widely grown crops in the world — wheat, rice, maize (corn), soybeans, barley and sorghum (a genus of about 30 species of grasses raised for grain). Production of these crops accounts for more than 40 percent of global cropland area, 55 percent of non-meat calories and more than 70 percent of animal feed.

Using global yield figures for 1961-2002 from the Food and Agriculture Organization, Lobell and Field compared yields with average temperatures and precipitation over the major growing regions.

They found that, on average, global crop yields respond negatively to warmer temperatures for several of the crops. Lobell and Field then used these relationships to estimate the effect of observed warming trends.

"To do this, we assumed that farmers have not yet adapted to climate change, for example, by selecting new crop varieties to deal with climate change," Lobell said. "If they have been adapting — something that is very difficult to measure — then the effects of warming may have been lower."

Most experts believe that adaptation would lag several years behind climate trends, because of the difficulty of distinguishing climate trends from natural variability.

The importance of this study, the authors said, was that it demonstrates a clear and simple relationship at the global scale, with yields dropping by approximately 3-5 percent for a 1 degree Fahrenheit increase. "A key moving forward is how well cropping systems can adapt to a warmer world," Lobell said. "Investments in this area could potentially save billions of dollars and millions of lives."



Earth Expo '07 focuses on recycling programs

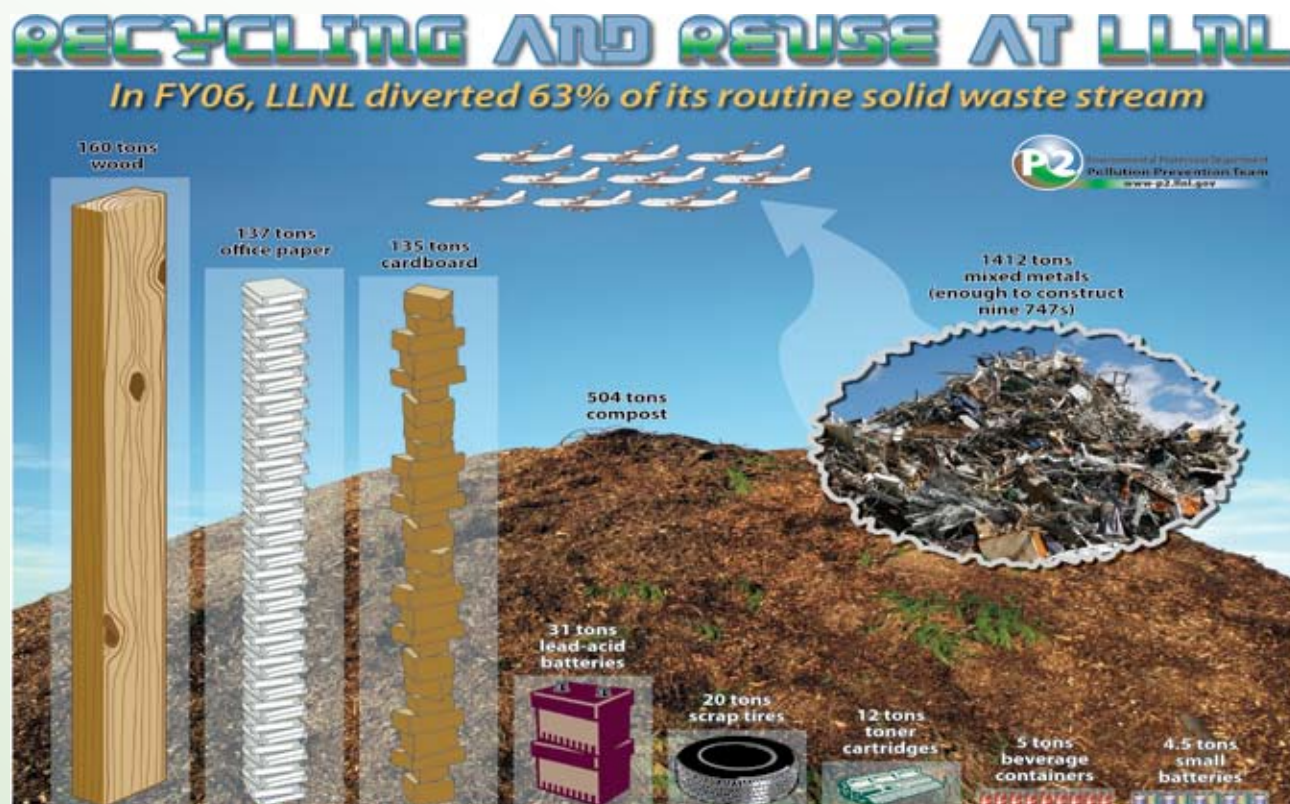
By Jennifer Doman
EPD/Pollution Prevention

This year, Earth Expo will be celebrated April 16-19 with a series of lunchtime activities held Monday through Thursday at the Central and West cafeterias at the main site, and on Tuesday, April 17, at Site 300's Roadrunner Café.

The theme for this year's Earth Expo event is "Caring for the environment, at work and at home." Most people are familiar with home recycling options; however, many may not be aware of all the recycling and reuse efforts that go on here at the Laboratory.

LLNL has an active recycling and reuse program that encompasses a wide variety of items ranging from office paper to vehicle tires and scrap metals. More than 60 percent of the Lab's routine, non-hazardous waste is diverted from landfill through recycling and reuse efforts. This means that last year alone more than 2,600 metric tons of waste was recycled Labwide. In addition, 110 metric tons of electronic equipment was either reused on site, donated or sent to recyclers. Even soil excavated from some Lab building projects is saved and reused on other projects, saving transportation costs and providing a convenient and economical source of building materials. Other examples of recycling accomplishments are illustrated in the accompanying diagram.

A number of organizations coordinate



BRETT CLARK/TID

recycling and reuse for LLNL, including Donation, Utilization and Sales (DUS), the Chemical Exchange Warehouse (CHEW) and Plant Engineering. CHEW and the ChemShare program facilitate sharing and reuse of chemicals throughout the Laboratory. DUS, in addition to coordinating property transfers, manages the Second Time Around store, where employees can find free, excess property, office supplies and other materials that are available for reuse in Laboratory work activities.

Find out more about pollution prevention and recycling at next week's Earth Expo event. For more information on DUS, visit the Website <http://www.llnl.gov/dus/dus.html>. Information on CHEW may be found on the ChemShare Website <http://chemtrack.llnl.gov/chemtrack/ChemShare/chemShare.html>, or by calling the CHEW Hotline (4-5055).

Contact the Pollution Prevention Team by phone (E-ARTH), e-mail p2help@llnl.gov or visit the Website: <http://www-p2.llnl.gov/>.

IEEE names Gokhale a fellow for reconfiguring computing

By Don Johnston
Newsline staff writer

Laboratory computer scientist Maya Gokhale has been named a fellow of the Institute of Electrical and Electronics Engineers (IEEE) for her contributions to reconfigurable computing technology, a discipline of growing importance for deployable systems such as those used for homeland security and other defense applications.

Gokhale, who arrived at the Laboratory from Los Alamos in January, has been working in the reconfigurable computing field since its inception in the late 1980s and has played an instrumental role in its development. In reconfigurable computing field-programmable gate arrays, or FPGAs, are used as a low-power alternative to high clock rate processors. Low-power requirements make the technology attractive for signal and image processing applications "in the field."



JACQUELINE McBRIDE/NEWSLINE

Maya Gokhale

"I was drawn to reconfigurable computing because it allows you to create your own hardware model. It's extremely flexible," Gokhale said. "I like the creativity."

She brings with her an impressive list of computing accomplishments including a lead role in the effort to build one of the first reconfigurable computers, the IDA SPLASH. Also while a researcher at the IDA Supercomputing Research Center in Bowie, Md., from 1988-94, Gokhale was awarded an Intelligence Community Seal Medallion from the National Foreign Intelligence Community for her contribution to

reconfigurable computing solutions used during operations Desert Storm and Desert Shield.

At LANL Gokhale served as leader for the Deployable Adaptive Computing System project to develop core reconfigurable computing technology for satellite-based signal and image processing. She helped develop software tools to use FPGAs in the Cibola Flight Experiment, an experimental satellite launched March 8 to test leading-edge technologies

for future generation satellites that will monitor the globe for nuclear detonations. These technologies have the potential for broader application to weather and climate monitoring, she points out.

More recently, Gokhale led LANL's Scalable Reconfigurable Computing Internal R&D project that produced, among other results, the Trident C-to-hardware compiler, which earned a 2006 R&D 100 Award.

Gokhale received her Ph.D. from the University of Pennsylvania in computer information science in 1983 and was an assistant professor at the University of Delaware from 1983-88.

The move to Livermore has been something of a family affair. Her husband is working at Sandia, California as an electrical engineer and her daughter is an undergraduate at UC Berkeley. She also has a son at MIT studying mechanical engineering. The family has a decidedly technical bent, but it was Gokhale who broke the liberal arts mold in her own family by going into mathematics and computing. Her father was a history professor in North Carolina.

With Livermore's interest in novel computing architectures for defense and national security applications, the move seems a good fit, Gokhale said.

i.want ads

Due to the high quantity of ads and space limitations, these want ads have been abbreviated.
For the complete ad listings, refer to the internal Website: <http://www-r.llnl.gov/pao/news/ wantads.html> or for the latest pdf download and retiree information, see the external Website: <http://www.llnl.gov/pao/employee/>. Please note that these ads appear on the Web.
Date of ads: Approx. April 3 to April 10. Ads appear on the Web for seven days.

AUTOMOBILES

91 Ford Explorer. \$3,500 OBO. Clean, 2-dr, 4WD, dk-blue, leather, alloys, off-road tires, tow pack, 510-530-5089

1990 Corvette Convertible. \$12,000 OBO. Fast, beautiful car in great condition. Dark green with black leather interior. 925-245-0626

1995 Chrysler LeBaron Convertible. \$2,500. Fun convertible car for the summer. Runs fine. 925-989-8931

1997 BMW 328i, \$9,250 OBO. 4 Dr, Silver, Auto, Air, Sunroof, Power windows and locks, 925-830-8640

1997 Ford Explorer. \$5,394. 4DR 4WD Excellent Condition Below Kelly BB 925-846-4374

1997 Ford Explorer. Green, 4dr, 4x4, below KBB. Great condition. 925-846-4374

1998 Olds Intrique. \$3,300 OBO. 4 door, six cylinder automatic, with 120280 miles. 734-731-0530

1999 Ford Explorer XLT 4x4. \$2500. 140,000 miles; injectors, fuel pump, filter, 209-475-9650

1999 Ford Windstar XL Van. \$3,750. 8 pasinger, 150K miles, 209-833-6452

1999 Pathfinder SE. \$8,500. 112,000 miles, fully loaded 925-858-0315

2000 Ford Taurus SE. \$5,000 OBO. 82k,v6,a t,ac,pw,pl,ps,cc,abs, 209-604-0323.

2000 Nisaan Quest SE. \$6,500 OBO. Good Condition, New Tires, 925-487-3779

2001 BMW 325ci. \$16,700. Silver with black leather interior,great condition,75K miles. 209-836-2990

2001 Honda Passport. \$7,600 OBO. Excellent condition, 120,000 miles. 925/634-5464

2001 Lexus LS 430. \$28K OBO. 59K mi, 925-639-3531

2001 Volkswagen GLX 1.8Turbo New Beetle. \$14,000. 925-373-9319

2002 Acura RSX Sport Coupe 2D. \$12,495. Desert Silver, 69K, 925-989-1159

2002 Mercedes C320. \$20,900. Silver, Fully Loaded 925-292-1080

2003 Honda Accord Coupe V6 EX. \$15,200. 54,000 mi. V6 Auto, 373-1522

2004 Honda Civic LX. \$13,500. Great condition, 4-door, 5-speed, 20K miles, A/C, 925-525-9399

2004 Lexus GS300. \$28,000 obo. 32k miles, Fully Loaded, 209-499-3793

2005 Chrysler Town & Country LX. \$15,000. Stow 'N Go package. . Xlt Family Van! 44K miles. 408-561-4071

2005 Toyota Matrix. \$14,750. Only 20,500 miles Tracy. 209-401-2175

2006 Ford Mustang GT Coupe Premium. \$24,000. 925-200-9204

Car Sound System Components. 1. Logic Subwoofer Speaker Box for dual 12" subwoofer speakers. 32"Wx15.75"Hx15.75"(bottom)x9.25"(top) speakers not included \$75. 2.Infinity 610a Car Audio Subwoofer amplifier and tsunami stiffening capacity 1.2 farad 20VDC Sold together \$285. 3. Combined price for all \$350. Call 925-487-9891

2005 Chevy Tahoe. \$23,999. 2005 Chevy Tahoe LS 2WD, Vortec 4800 V8 w/ automatic trans. 209-499-7687

Racing Monte Carlo wheels. \$50. O.Z. Racing Monte Carlo wheels. qty 2, 16" X 8", BMW E36, ET40, used. 510-653-1017

BOATS

Klamath fishing boat. \$3,200. All welded

aluminum contruction, 925-321-4666

Inflatable Pedal Boat – New. \$15. Inflatable alligator pedal boat by Aviva. 925-648-0671

Motor. \$2,000. Mercury 9.9 Saildrive electric start,new never been used. 209-836-4931

Motorguide trolling motor. \$25. “Brute 750” 45 lb. thrust trolling motor, 12/24v. 925-443-6693

Sky Boat Sleek Craft. \$12,499. 1986 SLEEK CRAFT Eliminator series, 22’ 5” 22’ 5” 925-449-8020

Trolling motor. \$25 OBO. Motorguide “Brute 750” 45 lb thrust trolling motor, 12/24v. 925-443-6693

Wave runners. \$18,000. 2 Yamaha Wave Runners 209-649-3268

ELECTRONIC EQUIPMENT

Antique De Forest, Atwater Kent, Westinghouse Radios. \$75. 925-373-7025

Canon 540EZ speedlite flash. \$45. Professional flash. Excellent condition. Manual included. 925-462-6607

Center Speaker. \$235 OBO. KEF Reference Series center Speaker Model 100. New in Box. 925-376-1595

Creative Zen Vision 30 GB. \$300. In black with 3.7” SharpPix Screen. 650-714-1612

FISHER Sound Stage-II Integrated Component System. \$50. 510-793-4711

Sigma 28-300mm lens for Canon EOS. \$95. Comes with lens hood. 925-577-0174

Sirius radio. \$35. w/car and house antennas. Almost new. 925-447-2781

Sony 32”: flat screen TV. \$250. Sony Vega,flat screen 32” television/ model KV-32FV15. 925-516-1243

HOUSEHOLD

Antique china. \$70 and up. English. Numerous patterns and pieces. \$70 and up. 925-443-8656

Antique dining room table. \$1,500. Solid oak. Built in table extenders. Includes four oak chairs. Very unique. 925-443-8831

Art Deco Cedar Hope Chest. \$250. (Lane trunk vintage): 925-447-3496

Baby Crib. \$100. Solid maple baby crib with frosted maple finish made by Simmons. 209-631-1735

Bar Stools. \$75 for 3. 3 light wood bar stools, 24” high with new solid gold tone fabric. Sold new for \$70 each. 510-357-4969

Barbie Electronic Guitar - New - Paid \$40. \$25. Barbie pink “Jam with Me” electronic guitar. 925-648-0671.

Bedroom furniture. \$200. Maple chest, desk, & 3-drawer unit w/bookcase on top. Excellent condition. Great for kids/spare room. (925) 443-8118.

Bread Machine – Zojirushi. \$50. \$200 original price. Also have two books on bread machine recipes. 925-373-7025

Chair. \$50 OBO. Hardly used, as new, swivel chair for office desk or computer station. Paid \$150 new (one year ago). 925-449-2099

China Cabinet/Hutch. \$1,500. Beautiful China cabinet/hutch. 925-373-7025

Coffee Table or End Table. \$50. Small square coffee table/end table. Oak veneer. 925-373-7025

Complete queen bed set, like new. \$500. 925-373-8916

Desk. \$500. Nat. Mount Airy Desk. Size: 56” W x 27” D x 30 1/2” H. Beautiful KneeHole style desk finished (925) 455-8526.

Dining room set and hutch. \$1,200 OBO. Mahogany dining room set with 6 chairs, 209-836-1267

Entertainment Unit. \$250. Oak, excellent condition, approximately 5’ high by 6’ wide. 925-443-8118

Fireplace Screen – New. \$25. features solid screen with climbing vine detail, made from steel,925-648-0671

Formal Oak Dining Room Set. \$600. With 2 Leaf Table, Six Chairs and China Hutch with Buffet. 925 362 8796

Free Dog Kennel. \$Free. Aluminum frame with heavy wire mesh panels, 925-606-1402

French Country China Cabinet. \$700. White wash finish, glass doors, sides, and shelves. Lighted. 925-443-8656

Furniture. Two matching, Duncan-Phyfe style, mahogany table-lamp. \$40 each or \$70 for both. 925-449-2099

Furniture. \$55. Elegant solid TEAK open bookcase. One component with two shelves, approximate size 60Lx24Hx12W. 925-449-2099

Futon with Ottoman. \$250. All wood frame futon with ottoman and extra slip cover for mattress. You pick-up. 209-249-0429

G.E. Refrigerator - 18.2 cu. ft, top-freezer. \$250. This white, top-freezer, 18.2 cu. ft. refrigerator was purchased new in Nov. 06. 925-454-0771

GE kitchen appliances. \$500. Wall oven and micro, dishwasher, 4 burner gas stove top and vent hood. 209-839-9757

GE Profile Dishwasher. \$300. Brand new top of the line GE Profile Stainless Steel dishwasher. 925-625-7972

Hide-a-bed. \$200 OBO. Twin size, excellent condition, U-haul 925-455-8321

Kid’s play house. Free. approx 5ft wide, 8ft long, 7ft tall, solidly constructed with wood shingle roof, door, and window, in good condition. 925-606-1402

Kitchen appliances. \$B/O. Kitchen remodel. GE over/under double oven; 4 burner stove top w/ Jenn Air grill; over stove combination convection/microwave oven; trash compactor. 925-449-6963

Marrano blown glass chandelier. \$5000 ob. about 40 separate pieces leafs flowers and light globes all hand made. Must see to appreciate. Call 209-526-6272.

New Amish made quilts. Numerous designs, colors, and sizes. \$600 - \$800. (925) 443-8656.

Oak Armoire, TV ready, drawers, hanger pole XLT Condition. \$200 obo. 925-240-7374

Oak bookcases. \$20-30 each. Oak bookcase (approx 5’x2’) Adjustable shelves. 2 Oak bookcases (approx 6’x4’) Adjustable shelves 373-9319

Oak Entertainment Center. \$40. 925-449-8530

Patio Set. \$300. 4 ft glass topped table. Painted wrought iron. Good condition. Ideal for covered patio. Paid \$1,500 925-245-9857

Refrigerator. \$300. New, Hot Point, side by side, 25 cf, automatic ice maker. 925-447-5948

Rocker/Recliner. \$40. In great condition, neutral colors. 925-455-8158

Washer and Dryer. \$150 OBO. GE Both extra large capacity. Good Condition. U Pick-Up in Livermore. (925) 580-4068

LOST AND FOUND

Eyeglasses left in bike basket on Mar 29 near Bldg 543. Glasses were in spring-loaded, hard black leather case. If found please call 2-7115 925-422-7115

Found- Watch outside East gate. Please call to identify. 423-7349

MISCELLANEOUS

1957 Chevrolet pen gift set. \$19.95. 925-699-7619

4 Blackhawk Auto Museum Tickets (Paid \$32). \$20. No expiration date. \$20 for all four tickets. 925-648-0671. 925648-671

Antique Singer treadle sewing machine. \$75. 925-373-7025

Ariens rear tine rotary tiller. \$350. 7HP Cast Iron Tecumseh Engine. Manuals,

Baby 3 in 1 Mirror. \$25. BearView Infant 3 in 1 Mirror used for rear-facing infant’s. 925-699-7619

Baseball tickets. \$72. Oakland A’s vs NY Yankees Sun 4/15 1:05 p.m. MVP 3rd baseline Sec 125/Row 13/Seats 1&2 on the aisle \$36/ticket to A’s fans 925-449-5481

Craftsman Tools. \$10 to 45. 925-424-5181

Custom Pool Table. \$2,000 OBO. Custom oak pool table with red felt. 209-631-1735

Disneyland Ticket. \$75. One adult, 3-day Park Hopper. First visit by 4/26/07. Face value \$129. 925 634-6296

Drill Tool Kit. \$60. Durabuilt 19.2V rechargeable drill tool kit with rolling tool storage box. 925-648-0671

Electronic Infrared Ear Thermometer. \$10. - Long’s brand 925-828-3295

Free telephones for hearing impaired. 925-455-6591

GENERATOR. \$250. Coleman 2500 Ultra Generator. 5 HP. New. 925-449-7847

Kids Disneyland Tickets. \$85 each. 2 2-Day Park Hopper Pass. 925-424-5966

Ladders. \$20. Used 12ft 3-legged wooden picking or pruning ladders in good condition. 209-892-6993

Lawn mower and bicycle for sale. Fairly new, Craftsman lawn mower for sale. 21” cutting width. I’m asking \$100, but willing to negotiate. I also have a brand new, Air Max XR3 bicycle for sale. I’m also selling the bike for \$100 209-823-6394

McLane Gas Lawn Mower & Gas Edger. \$Mower-\$200. (209) 833-8100

Men’s Watch. \$75 OBO. Fossil Arkitekt, Quartz movement, Dress watch, Silver-tone hands and indexes, Analog date display, Brushed stainless steel bezel, crown, case and caseback, 30 meters/100 feet water resistant. 510-569-7132

Moving Boxes for Sale. \$40. R 925-964-0534

Outdoor carpet. \$200. 10’ x 20’. 925-634-1769

Silk Flowers. Six beautiful 12-inch-high silk arrangements of green hydrangeas and peach-colored flowers, \$20 original cost per arrangement; will negotiate. 925-447-2687

Snapper High-Vac Lawn Mower. \$250. Snapper 21” Steel Deck Walk Mower. 6.5 HP Briggs & Stratton. 3 yrs old, manual 925-371-8889

Snapper High-Vac Lawn Mower. \$350. Ariens 20” Rear Tine Rotary Tiller. 7HP Cast Iron Tecumseh Engine. Manuals, Absolute Work Horse. 925-371-8889

Western Saddle. \$450. Circle Y, excellent condition. 209-835-6380.

Wheelbarrow. \$40. Contractor size 925-735-6002

MOTORCYCLES

2003 Polaris Predator MINT condition. \$4000 OBO. White 2004 plastics with blue powdercoated frame in great condition, 209-825-6311

2003 Yamaha V-Star Classic. \$7,000 209-239-7576

2005 motorcycle. \$2,100. 2005 Honda CRF-230, elect start, great cond 925-640-2782. 925-443-3358

2006 Aprilia Scarabeo Motorscooter. \$4,300. 925-373-3305

Harley-Davidson. \$9,000 OBO. FLSTF Fat Boy--1991, 209-823-8678

Motorcycle for sale. \$6,000. 2000 Yamaha Roadstar 10000 miles Lots of extras 925-240-5800

Suzuki 2002 Bandit 1200S. \$3800/Offer. 925-606-6515

MUSICAL INSTRUMENTS

Baldwin Acrosonic Elite piano. \$1,200. Circa 1980. 925-447-3496

Piano. \$2,500 OBO. Antique 1903 Chickering studio upright piano. 925-634-9973

Piano, Schumann. \$200. Upright Grand (?) 48” wide Keyboard, 925-447-4941

PETS

Antique Doctors Buggy. \$2000. w/top. \$2000. (925) 443-8656. 925 443 8656

Cats. Free. Two Orange male tabby, 5 years old neutered. Calico female, 3 years old spayed. They go together. 925-337-4057

Dog. Free. A 70 lb neutered male, German shepard mix 2 & 1/2 years old. Call for details. 925-337-4057

Border Collie, free to good home, 2 year old male, neutered. 209-824-2177

Free cats to good home. Healthy, neutered, indoor cats. One has a pure white long length coat with blue eyes. The other is a snowshoe (a blue with light tabby markings on a white medium length coat with siamese markings). 650-714-1612

Horse harness. \$700. Custom Amish made horse harness. (925) 443 8656.

Meadow Brook Horse Carriage. \$1200. (925) 443-8656.

Peacock. Free. Free to good home. 945-447-4830

Rabbits for Adoption. \$50. Bunnies, 2, for adoption to good home. Need to be adopted together. 925-447-4370

RECREATION EQUIPMENT

Air Hockey Table. \$150. Full-size air hockey table. Great condition. 209-456-7841

Cache Cooker. \$100. Double burner camp stove. Never used. Still sealed in box. 209-456-7841

Dartboard - New - Paid \$40. \$25. Halex electronic dartboard, Delta III, with electrolight scoring. 26 games, hi-tech nolded cabinet with graphite finish. New in box. Paid \$40 plus tax. \$25 925-648-0671

Little Tikes Playground. \$250. Includes 6’ and 3’ slides. 925-606-0696. 925-606-0696

Olympic style free weights and bench. \$50. 925-447-7907

Shoulder Holster, Left Handed. \$35. OBO. Safariland Mod. 101 shoulder holster, left handed, (209) 833-8306

snowboard boots. \$25. woman Size 6 or child size 4. Airwalk brand. 510-653-1017

RIDESHARING

Carpool from Ceres or Turlock. Working hrs are 6:45 to 3:30. call at 209-535-3809. 209-535-3809

El Cerrito - Berkeley Vanpool. \$155. has openings for full time or casual riders. M-F 7:45 am to 4:30 pm work schedule. Call 3-7995 510-524-5769

RETIREEES’ CORNER

PEOPLE NEWS

In November 2006, **Harry Galles** (Environmental Protection Dept., 2001) and **Linda Nidever –Galles** (Energy & Environmental Directorate, 2003) visited South Africa. Capetown is a beautiful city reminiscent of San Francisco in climate. There are large vineyards/wineries averaging about 200 acres. Next they headed north toward Kruger National Park, and the surrounding private game reserves. Game drives were the highlight of their trip where they got within 20 to 30 feet of the animals in open Range Rovers. Had they known how much they would enjoy the area, they would have stayed longer. (For full details and all the animals they saw, see the Web at: www.llnretirees.org).

Sam Perone (Chemistry & Materials Science, 1989) has published his fourth and fifth novels *Judgment Day* (late 2006) a political thriller and *Murder Almighty* (2005), a Vatican thriller. Reviews have been very good. The books are being

marketed online (barnesandnoble.com, etc.), and signed copies can be purchased through the author’s Website (www.samperone.com).

Richard Sites (ME 1998) and **Mary Sites** (Lasers 2000) remarried March 8, in Maui, Hawaii. They will reside in Pleasanton. Richard is working part time with Public Affairs at the Discovery Center and most recently at the science fair. Mary continues to volunteer at the blood drives. Their e-mail is: r.sites@att.net.

Several retirees, including writers **Jack Russ**, **Hector Timourian** and **Camille Minichino** have discovered the Tri-Valley Branch of the California Writers Club. Formed in 2005, the active and growing club welcomes writers of all genres, published and unpublished. Meetings are held monthly. For further information contact Jack Russ (jackruss@mac.com) or 925-820-4244.

The next **Retirees’ luncheon** will be held on Wednesday, April 18, at the Elks Lodge in

Livermore. The speaker will be **Len Alexander**, executive director of the Livermore Valley Performing Arts Center, speaking on “Bringing World Class Theater to the Valley.”

Mark your calendar for the annual Retirees’ picnic, June 20 at Ravenswood Historical Park in Livermore. A reservation notice will be sent out in May.

The Travel Group will meet on the fourth Tuesday, January – June at 2 p.m. in the Livermore City Council Chambers, 3575 Pacific Ave. The April 24 topic is “Cambodia: Angkor Wat and Beyond” by **Steve Massey**. The May 22 meeting topic is: “Cruising French Polynesia” by **John Stroud**.

Send any input to Jane or Gus Olson. E-mail: AugustO@aol.com or JaneRubert@aol.com. Phone: (925) 443-4349; address: 493 Joyce Street, Livermore, CA 94550.

IN MEMORIAM

Lendell Allen Eastment

Lendell “Len” Eastment died at home April 5. He was 80 years old.

Eastment and his wife raised their four children in Pleasanton while Len Eastment worked as a senior design associated at the Laboratory until he retired in 1983.

Eastment designed and helped build he and his wife’s dream home in Grass Valley on 20 acres. He was an avid golfer, but most of all he was a devoted husband, father and grandfather.

He is survived by his wife of 60 years, Dolores “Dee” Eastment of Grass Valley, Calif.; sons Chuck Eastment and his wife JoAnn of Evergreen, Colo. and Jim Eastment and his wife Lori of Livermore; daughters Lois Kribel and her husband Phil of Green Valley, Ariz. and Carolyn Neal and her husband Dave of Sunol; grandchildren Leslie, Mark, Joel, Eric, Logan, Reid, and Johnnie.

The family held a private celebration of his life (April 13) and suggests donations in his memory to the Salvation Army or to the charity of your choice.

Warren H. Giedt

Warren H. Giedt, professor emeritus and founding chair of the Department of Mechanical Engineering at the University of California, Davis, died March 23 at his home in San Jose. He was 86.

Giedt had been a consultant at LLNL since 1960, working with the Weapons Engineering Division and geothermal energy program in the early years and on cryogenic laser target development from the early 1980s until last year. In addition to his LLNL program contributions, he was graduate student advisor to many LLNL employees who have pursued their masters and doctorate degrees either prior to LLNL employment or part-time while employed at the Lab.

Giedt studied at UC Berkeley, receiving a bachelor’s degree in applied science in 1944, a master’s degree in 1946 and his doctorate in 1950.

He joined the faculty at UC Berkeley in 1947. In 1965, he moved to UC Davis as the first chair of the new Department of Mechanical Engineering, serving as chair until 1969. He

served as associate dean of graduate studies for the College of Engineering from 1972 to 1980. He retired from the faculty in 1983. A building at UC Davis was recently dedicated to him and his wife. See the March 30, 2007 *Newsline*.

Internationally known for his teaching and research in heat transfer and thermodynamics, Giedt was a Fulbright professor at the University of Tokyo in 1963 and was awarded a fellowship by the Japan Society for the Promotion of Science in 1980.

Giedt was preceded in death by his wife Leta who died in 2006. He is survived by numerous nieces and nephews, including the six children of his identical twin, the late Wallace Reid Giedt. He is also survived by his brother, John, of Florida.

The UC Davis Department of Mechanical Engineering will hold a memorial service at a later date. In lieu of flowers, the family requests that donations be made to the Warren and Leta Giedt Endowed Professorship Fund. Checks should be made out to the UC Davis Foundation, with a note specifying the Giedt endowment.

Manteca Vanpool. \$95/mo. Has 2 openings starting now. 8-4:30 M-F. \$95.00/ mo. 209-239-5178

Modesto vanpool has 2 full time openings. Hours from 8:00-4:30. Luxury van, captain chairs & reading lights. With the transit pre-tax program and increasing cost of gas, save \$\$.

Montclair/Oakland Vanpool. \$140/month. Leaves Montclair at 7a.m. Leaves LLNL at 5:30 p.m. Call 4-6215 for more details. 510-531-4399

Modesto vanpool has 2 full time openings. Regular working hours from 8:00-4:45. Leave Home Depot at 6:35 am; leave Lab at 4:45. 209-576-0217

SHARED HOUSING

\$530. Room for rent in Livermore. \$530/mo incl.util. Room furnished w/cable outlet & high speed internet. 925-443-8448

\$550. Large comfortable home, Master bedroom suite with huge walk-in closet - huge private bathroom. 510-352-3542

Room for Rent. \$330. 2 bedroom home in Tracy, off of Corral Hollow Road. 925-989-

6725

Room for rent. \$300/mo. Postdoc/student. 14 x 14 room, private bath, peaceful wilderness home. 10 miles from Lab. 925-447-0666

Room for Rent. \$750. Short term; female only. Furnished room (new pillow-top bed, dresser) in newer townhouse, 925-998-2738.

Room for Rent. \$530. 5 miles from Lab, close to shopping, share utilities, for summer students. 925-980-1613

Room for Rent. \$600/mo. Furnished room for rent, 925-525-6276

Room for rent. \$700/mo. \$700 mo + dep & 1/3 util. Nice neighborhood, 2 mi to LLNL. Non-smoker, No pets . 925-449-3206

Master Bedroom W/bath, furnished, large 300 sq ft room with view of water, Discovery Bay home \$600/month 925-634-8523

TRAILERS

2006 Forest River Cherokee 5th wheel. \$24k OBO. 31.5 feet long with two slides. 209-321-1506

2007 Interstate Trailer. \$8,000 OBO. 16'x 8'

enclosed trailer. 6'4" @ door opening. 209-835-7413

3 Rail Motorcycle Trailer. \$750 OBO. 209-830-7872

Travel Trailer For Sale. \$5900.00. 1992 Prowler 5th wheel, 925-413-2725

TRUCKS

1989 S-10 Extended Cab Pickup Tahoe. \$2,400. 925-989-8931

1998 dodge ram 1500 quadcab 4x4. \$10,500 obo 925-876-5588

1999 Ford Truck. \$7,500. extras, top condition 925-735-6002

2006 XLT Ranger 4x4 Supercab. \$17,000. \$3k under Kelly Blue Bk. 209-535-3809

79 Ford F250 4WD. \$3,000 OBO. dana 60 front axles, 400cu in engine, new tires. 925-449-3499

Chevy Tahoe. \$9,500. Towing package, leather, power windows, very good condition.90K miles. 209-836-4931

Ram van with handicap wheelchair lift.

Dodge 95 RAM Van 1500 SLT V8, Automatic. 133k. 209-529-3003

Toolbox. \$150. Full size, diamond plated, perfect condition. 209-456-7841

VACATION RENTALS

Mexico time share rental. \$1,100. Mexican Grand Mayan Gold Crown timeshare rental for 1 week. 925-449-8656

Cozy mountain cabin near Arnold. 4 bedr, 2 bath, fully loaded kitchen, wood burning stove. 925-245-1114

Maui, HI. Kahana Reef oceanfront 1BR/1BA condominium. 925-449-0761

Maui, HI. Kahana Reef oceanfront 1BR/1BA condominium. 925 449 0761

Pinecrest cabin. \$225/wknd. Great view. 3 bdrm/2 bath, fireplace w/wood, microwave, pool table. 925-449-5513

South Lake Tahoe chalet. 3 Bedroom 2 Bath Chalet, nicely furnished, 209-599-4644

Soooo cute beach cottage in Santa Cruz. 2 bedr, 2 bath with a spa, fully loaded kitchen, 925-245-1114

Vacation Rental. \$1,200. 7-nights @ Carlsbad Seapointe from August 5-12. 925-757-2166

WANTED

Wanted: room for rent. temporary. 4-6 months, or longer. 702-299-5159.

Wanted: Drivers seat for a 1995 Ford Windstar. (209) 836-9240

Coin & Stamp collections. Looking to acquire coin and stamp collections. 925-449-1294. 925-449-1294

Electric piano/keyboard. Looking for electric piano (console) or keyboard, with weighted action and 88 keys. 209-914-7912

Toyota MR2. Wanted Toyota MR2, running or not. 209-531-1527

Need a used ping pong table in good condition. Would prefer indoor/outdoor table. 925-245-1114

Wanted Nissan Xterra 4WD. \$3. in good running condition for my daughter in college. 209-239-07576

New Lake Haussmann amenities completed

Lake Haussmann, in addition to its purpose as a drainage retention basin and aquatic ecosystem, has become a gathering place for employees— whether for lunchtime functions, exercise groups, cyclists and scooters, strollers and walkers, and bird watchers and nature buffs.

The lake's amenities are about to become more accessible to everyone. During mid-April, Lake Haussmann will expand its work-life amenities to include a pedestrian walkway across the east side of the lake. The newly constructed pathway with connecting bridges provides pedestrian-only access/egress to and from the northeast side of the lake and the Central Café (see map). To ensure safety, cyclists are prohibited on the bridges.

Spring is here and the desire to be outdoors beckons. Exercise enthusiasts are reminded to be conscious of how fast they move because others may travel at a lesser speed. The pathway around the lake is a shared-use pathway in conformance with Uniform Federal Accessibility Standards (UFAS) and makes a full circle as it parallels the North Inner Loop.

How Lake Haussmann has evolved

The lake in many ways represents how the Laboratory has evolved into a diverse community where new ideas spawn future dreams. In 1942, the “lake” was an airstrip for the U.S. Navy. In the '50s, when the Lab was founded, this area came under the ownership of the U.S. Atomic Energy Commission to advance nuclear weapons science and technology. In the late '80s, LLNL began its program of groundwater remediation under the direction of the Environmental Protection Agency to clean groundwater.

In 1991, the area was excavated to construct a basin (then referred to as the Drainage Retention Basin) and a waterproof liner was installed to prevent infiltration of water into the soil below. In combination with the liner, the shape and components of the basin were engineered and constructed to create a basin that contains both storm water runoff and treated (clean) groundwater. The “lake” receives storm runoff from approximately a quarter of the LLNL site and 700 to 900 acres of offsite land.

In 2006, the lake (i.e., basin) area continued to evolve as a symbol of excellence — naming it after the late Carl Haussmann, who was the Laboratory's renaissance man and patriarch-at-large. During his 40 years at LLNL, Haussmann provided the concepts

and framework of wisdom and architectural principles to move the Laboratory from a military feel to an attractive environment more conducive to producing world-class science. Today the lake provides a park-like setting.

“We encourage everyone to explore the lake and the Veterans Memorial Rose Garden, Haussmann's memorial and the self-guided nature tour. Learn about the lake's evolution to an aquatic ecosystem and habitat for federally protected wildlife,” said Denise Robinson, Institutional Facilities manager for the Laboratory's Infrastructure and Facilities Management. “This thriving community holds

a particular fascination as it evolves with plants, amphibians, reptiles, mammals, fish and birds. As time passes, we all get to participate in how it will change and what new species it will attract.”



NEWSLINE

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